## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bernd Riedl et al.

Serial No.: 10/042,226

Group Art Unit: 1614

Filed: January 11, 2002

Examiner: REAMER, James H

For:  $\omega$ -Carboxyaryl substituted diphenyl ureas as raf kinase

**INHIBITORS** 

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.56, 1.97 and 1.98

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant(s) hereby disclose the information listed in the attached form PTO-1449. Copies of the search reports and notices of references cited have been provided as well as copies of the claims in the copending applications identified below.

Pursuant to 37 CFR §1.97 and §1.98, Applicant identifies the following related copending applications.

Title: Inhibition of RAF Kinase Activity Using Aryl Ureas

Inventor(s): Jill Wood et al.

Filed January 8, 2001, Serial No. 09/755,060

Status: Published

Publication No. US 2001-0006975 A1

Claims pending as of 6/23/03 attached hereto

Title: RAF Kinase Inhibitors Inventor(s): Jill Wood et al. Publication No. WO 98/52559

Filed May 21, 1998, Serial No. PCT/US98/10376

No U.S. National Phase

Title: Inhibition of RAF Kinase Using Symmetrical and

Unsymmetrical

Substituted Diphenyl Ureas Inventor(s): Scott Miller et al.

No publication number available

Filed December 22, 1998, Serial No. 09/776,936 Claims pending as of 6/23/03 attached on CD

Title: Inhibition of RAF Kinase Using Symmetrical and Unsymmetrical Substituted Diphenyl Ureas Inventor(s): William Scott et al. Publication No. WO 99/32436 Filed December 22, 1998, PCT/US98/26081

No U.S. National Phase

Title: Inhibition of RAF Kinase Using Substituted Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed: August 18, 2000, Serial No. 09/640,780

No publication number available

Claims pending as of 6/23/03 attached on CD

Title: Inhibition of RAF Kinase Using Substituted Heterocyclic Ureas Inventor(s): Jacques Dumas et al.

Publication No.: WO 99/32106 Filed December 22, 1998, PCT/US98/26078

No U.S. National Phase

Title: Inhibition of RAF Kinase Using Aryl and Heteroaryl Substituted

Heterocyclic Ureas

Inventor(s): William Scott et al. No publication number available

Filed December 27, 1998, Serial No. 09/472,232 Claims pending as of 6/23/03 attached on CD

Title: Inhibition of RAF Kinase Using Aryl and Heteroaryl Substituted

Heterocyclic Ureas

Inventor(s): Jacques Dumas et al. Publication No.: WO 99/32455

Filed December 22, 1998, PCT/US98/26082

No. U.S. National Phase

Title: Inhibition of RAF Kinase Quinolinyl, Isoquinolinyl or Pyridyl

Ureas

Inventor: Jacques Dumas et al. No publication number available

Filed April 19, 2002, Serial No. 10/125,369 Claims pending as of 6/23/03 attached on CD Title: Inhibition of RAF Kinase Quinolinyl, Isoquinolinyl or Pyridyl

Ureas

Inventor: Jacques Dumas et al. Publication No.: WO 02/085857

Filed April 19, 2002, Serial No. PCT/US02/12066

No U.S. National Phase

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors Inventor: Bernd Riedl et al. Publication No.: US 2002-0042517 A1

Filed: September 10, 2001, Serial No. 09/948,915 Claims pending as of 6/23/03 attached on CD

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

**Inhibitors** 

Inventor: Bernd Riedl et al. No publication number available

Filed: January 12, 2001, Serial No. PCT/US00/00648

National Phase Serial No. 09/889,227 (pending as of 6/23/03)

Title: Inhibition of Raf Kinase Using Quinolinyl, Isoquinolinyl and

Pyridinyl Ureas

Inventor: Jacques Dumas et al.

Publication No: US 2002-0165394 A1

Filed February 7, 2001, Serial No. 09/777,920 Claims pending as of 6/23/03 attached on CD

Title: Inhibition of Raf Kinase Using Quinolinyl, Isoquinolinyl

and Pyridinyl Ureas

Inventor: Jacques Dumas et al. Publication No: WO 02/062763

Filed: January 7, 2002, Serial No. PCT/US02/03361

No U.S. National Phase

Title: Method and/or Process for Preparing w-Carboxyaryl Substituted

Diphenyl Ureas as raf Kinase Inhibitors Publication No: US 2003 0139605 A1

Filed February 11, 2002, Serial No. 10/071,248 Claims pending as of 6/23/03 attached on CD

Title: ω-Carboxyaryl Substituted Diphenyl Ureas as RAF Kinase Inhibitors
Inventor(s): Riedl et al.
No publication number available
Filed November 27, 2001, Serial No. 09/993,647
Claims pending as of 6/23/03 attached on CD

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase Inhibitors
Inventor(s): Riedl et al.
No publication number available
Filed January 11, 2002, Serial No. 10/042,203
Claims pending as of 6/23/03 attached on CD

Title:  $\omega$ -Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors

Inventor: Riedl et al.

Publication No.: US 2003-0144278 A1

Filed: October 30, 2002, Serial No. 10/283,248 Claims pending as of 6/23/03 attached on CD

Title: Aryl Urea Compounds In Combination with Other Cytostatic or Cytotoxic Agents For Treating Human Cancers Inventor: Carter et al.

No publication number available
Filed December 3, 2002, S.N. 10/308,187

Claims pending as of 6/23/03 attached on CD

Title: Aryl Ureas As Kinase Inhibitors Inventor: Jacques Dumas. Filed: February, 11, 2003, S.N. 10/361,859 Claims pending as of 6/23/03 attached on CD

Title: Pyridine, Quinoline and Isoquinoline N-oxides as Kinase Inhibitors
Inventor: Jacques Dumas
No publication number available
Filed: February, 11, 2003, S.N. 10/361,850
Claims pending as of 6/23/03 attached on CD

Title: Fluoro-Substituted Omega-Carboxyaryl Diphenyl Ureas for the Treatment of Cancer and Other Disorders

Inventor: Jacques Dumas, et. al. No publication number available

Filed: September 11, 2003, S.N. 60/489,102

## **DEPOSIT ACCOUNT**

The Commissioner is hereby authorized to charge any further fees under 37 CFR § 1.16 and § 1.17 which may be required to facilitate this filing, or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

Richard J. Traverso (Reg. No. 30,595)

Attorney/Agent for Applicants

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Facsimile: (703) 243-6410

Attorney Docket No.: BAYER 24A

Date: September 22, 2003

RJT:jqs K:\Bayer\24A\IDS 09-22-03.dot

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10/042,203

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE** 

of 3

Filing Date January 11, 2002 First Named Inventor Bernd Riedl et al. Group Art Unit 1614

Application Number

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Sheet

STATEMENT BY APPLICANT

REAMER, James H. **Examiner Name** Attorney Docket Number **BAYER 24A** 

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
	AA	A "Notice of References Cited" from the USPTO for U.S. application 08/995,749.		
	АВ	A "Notice of References Cited" from the USPTO for U.S. application 09/083,399.		
	AC AND AD	A "Notice of References Cited" from the USPTO for U.S. application 09/425,228.		
	AE.	A "Notice of References Cited" from the USPTO for U.S. application 09/425,229.		
	AF	A "Notice of References Cited" from the USPTO for U.S. application 09/458,015.		
	AĢ	A "Notice of References Cited" from the USPTO for U.S. application 09/472,232.		
	AH-	A "Notice of References Cited" from the USPTO for U.S. application 09/472,232.		
	Al.	A "Notice of References Cited" from the USPTO for U.S. application 09/773,604.		
	AJ	A "Notice of References Cited" from the USPTO for U.S. application 09/773,659.		
	ĄK	A "Notice of References Cited" from the USPTO for U.S. application 09/773,672.		
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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STATEMENT BY APPLICANT

Application Number 10/042,226
Filing Date January 11, 2002
First Named Inventor Bernd Riedl et al.
Group Art Unit 1614
Examiner Name REAMER, James H.

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Sheet 2 of 3 Attorney Docket Number BAYER 24A

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Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	АМ	A "Notice of References Cited" from the USPTO for U.S. application 09/776,935.	
	AN	A "Notice of References Cited" from the USPTO for U.S. application 09/776,936.	
	AO	A "Notice of References Cited" from the USPTO for U.S. application 09/777,920.	
	AP	A "Notice of References Cited" from the USPTO for U.S. application 09/948,915.	
	AQ	A "Notice of References Cited" from the USPTO for U.S. application 10/042,226.	
	AR	A "Notice of References Cited" from the EPO fro European application EP 98/963809.	
	AS	Supplemental search report from the EPO for European application EP 98/963810.	
	AT	Supplemental search report from the EPO for European application EP 98/965981.	
	AU	Supplemental search report from the EPO for European application EP 00/903239.	
	ВА	International search report for International Application No. PCT/US98/10375.	
	BB	International search report for International Application No. PCT/US98/10376.	

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Complete if Known **Application Number** 10/042,226 Filing Date January 11, 2002 First Named Inventor Bernd Riedl et al. **Group Art Unit** 1614 **Examiner Name** REAMER, James H. Attorney Docket Number

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	ВĆ	International search report for International Application No. PCT/US98/26078.		
	BD	International search report for International Application No. PCT/US98/26079.		
	BĘ	International search report for International Application No. PCT/US98/26080.		
	BF	International search report for International Application No. PCT/US98/26081.		
	BG	International search report for International Application No. PCT/US98/26082.		
	ВН	International search report for International Application No. PCT/US98/24265.		
	BI	International search report for International Application No. PCT/US00/00648.		
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	ВК	International search report for International Application No. PCT/US02/12064.		
	BĻ	International search report for International Application No. PCT/US02/12066.		
	ВМ	International search report for International Application No. PCT/US/26081.		

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